

**B. PHARM.  
SECOND SEMESTER  
COMPUTER APPLICATION IN PHARMACY  
BP205T**

**SET  
A**

[USE OMR SHEET FOR OBJECTIVE PART]

Duration : 2 hrs.

Full Marks : 50

Time : 20 min.

**( Objective )**

Marks : 15

*Choose the correct answer from the following:*

*1×15=15*

1. 2's complement of 11111111 is
  - a. 11111111
  - b. 00000001
  - c. 00001111
  - d. 10000001
2. The decimal equivalent of the hexadecimal number 6E is
  - a. 110
  - b. 100
  - c. 150
  - d. None of these
3. XML stands for
  - a. Text Based Markup Language
  - b. High Text Link Markup Language
  - c. Extensible Markup Language
  - d. None of these
4. The correct sequence of HTML tags for starting a webpage is
  - a. HTML, Head, Title, Body
  - b. Head, Title, HTML, body
  - c. HTML, Body, Title, Head
  - d. None of these
5. Which of the following are not the applications of bioinformatics?
  - a. Drug designing
  - b. Data storage and management
  - c. Understand the relationship between organisms
  - d. None of these
6. The term Bioinformatics was coined by -----
  - a. J. D. Watson
  - b. Pauline Hogeweg
  - c. Margaret Dayhoff
  - d. Frederic Sanger
7. Benefits of Laboratory information management system are
  - a. Secure and restricted access
  - b. Easy data backup and data mining options
  - c. Ease of reporting
  - d. All of these
8. Pharmacokinetics refers to
  - a. Movement of drug into, through, and out of the body
  - b. What a drug does to a body
  - c. Both (a) & (b)
  - d. None of these

9. CADD stands for
- a. Computational Added Design of Drugs
  - b. Computer Added Design of Drugs
  - c. Computational Aided Design of Drugs
  - d. Computer Aided Design of Drugs
10. Advantages of DBMS are
- a. Reduce data inconsistency
  - b. Reduce data redundancy
  - c. Sharing of data
  - d. All of these
11. Application of computer in pharmacy are
- a. Designing drugs
  - b. Storing drugs information
  - c. Managing pharmacy
  - d. All of these
12. Which of the following is not a DBMS software?
- a. Ms Access
  - b. MySql
  - c. Ms Word
  - d. None of these
13. To move data from one part of the document to another, following combination is used.
- a. Copy and paste
  - b. Copy and undo
  - c. Cut and Paste
  - d. Copy and delete
14. International Nucleotide Sequence Database consists of
- a. DNA Data Bank of Japan
  - b. EMBL
  - c. GenBank
  - d. All of these
15. Which of the following is not a data type in MS Access?
- a. Text
  - b. Table
  - c. OLE object
  - d. Number

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**( Descriptive )**

Time : 1.30 hrs.

Marks : 35

*[ Answer question no.1 & any three (3) from the rest ]*

1. a. Convert the following decimal numbers to equivalent binary numbers: 20, 45 2+3=5  
b. Perform the following subtraction of binary number using 2' complements: 1101 - 1011
  
2. a. What is HTML? What is XML? Differentiate between HTML & XML 2+2+3+3  
=10  
b. What is web server?
  
3. a. Discuss various applications of computer in pharmacy. 7+3=10  
b. Discuss the advantages of E-prescribing.
  
4. a. What do mean by bioinformatics? Discuss the goals of bioinformatics. 3+4+3  
=10  
b. Discuss the barcode medication administration.
  
5. a. Discuss the preclinical studies in drug development. 6+4=10  
b. Why are preclinical studies important?
  
6. a. What is Laboratory Information Management System? 3+7=10  
b. Discuss the benefits of LIMS

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